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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/653,080	08/31/2000	John R. Hind	RSW9-2000-0114-US1	4315
7590	01/30/2004		EXAMINER	LUDWIG, MATTHEW J
Jeanine S Ray-Yarletts IBM Corp Dept T81/Bldg 062 PO Box 12195 Research Triangle Park, NC 27709			ART UNIT	PAPER NUMBER
2178				
DATE MAILED: 01/30/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/653,080	HIND ET AL.
	Examiner Matthew J. Ludwig	Art Unit 2178

-- The MAILING DATE of this communication app ars on the cover sh et with th correspondenc address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 31 August 2000.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 1-11 is/are allowed.
- 6) Claim(s) 12,15-17,19-21,23-25,28-30 and 32-37 is/are rejected.
- 7) Claim(s) 13,14,18,22,26,27,31,38 and 39 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 31 August 2000 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) The translation of the foreign language provisional application has been received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Application filed 8/31/00.
2. Claims 1-39 are pending in the case. Claims 1, 12, and 25 are independent claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 12, 15-17, 19-21, 23-25, 28-30, 32-37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Java Apache Project, Cocoon, Copyright 1999, Pages 1-9.

In reference to independent claim 12, Java Apache Project teaches:

Analyzing a well-formed XML document and executes a transformation for the incoming document(compare to “means for specifying fast transformations to be applied to incoming source documents). See page 2 of 7 and page 3 of 7.

The occurrence of elements within the document that require a transformed (compare to “means for applying the fast transformation to particular incoming source documents matching criteria of the specified fast transformations). See page 2 of 7.

If the matching criterion taught in the Java Apache Project is missing from the incoming document the direct association to HTML could be made and a generic transformation would take place. The reference does not explicitly disclose a *fast* transformation; however the Apache reference provides a proficient example of applying a similar technique. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified

the Java Apache Project reference and utilized the transformations utilizing XSL, because it would have given the author the added benefit of providing access to elements and nodes within a source document and offered the user the ability to apply customized templates.

In reference to dependent claim 15, Java Apache Project teaches:

Direct XML serving to XML and XSL aware clients. See page 1 of 9.

In reference to dependent claim 16, Java Apache Project teaches:

The processor and formatter are utilized to examine elements in the well-formed structured document. See page 6 of 9 and page 7 of 9.

In reference to dependent claim 17, Java Apache Project teaches:

Transforming the memory representation of the XML document into a stream that may be interpreted by the requesting client. See page 7 of 9.

In reference to dependent claim 19-21, Java Apache Project teaches:

Transforming the memory representation of the XML document into a stream that may be interpreted by the requesting client. See page 7 of 9.

In reference to dependent claim 23, Java Apache Project teaches:

The utilization of an XSLT processor for incoming XML documents. See page 5 of 9.

In reference to dependent claim 24, Java Apache Project teaches:

Cocoon is able to discriminate between browsers, allowing the different style sheets to be applied. See page 5 of 9.

In reference to claims 25, 28-30, 32-37, the limitations reflect the methods used for performing the system claimed in claims 12, 15-17, 19-21, 23, and 24

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Allowable Subject Matter

5. Claims 1-11 are allowed.

Claims 13, 14, 18, 22, 26, 27, 31, and 38 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Raman USPN 6,249,794 filed (12/23/97)

Alam et al., USPN 6,336,124 filed (7/7/1999)

W3C Extensible Stylesheet Language (XSL) Version 1.0, 27 March 2000, Pages 1-15.
<http://www.w3.org/TR/2000/WD-xsl-20000327/>

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Ludwig whose telephone number is 703-305-8043. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 703-308-5186. The fax phone number for the organization where this application or proceeding is assigned is 703-746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.



ML
January 22, 2004

STEPHEN S. HONG
PRIMARY EXAMINER